



Datasheet for ABIN1449230

anti-CD52 antibody

2 Images



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Overview

Quantity:	0.1 mg
Target:	CD52
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD52 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Mouse IL-2R alpha-TGM splenocyte
Clone:	BTG-2G
Isotype:	IgG2a
Specificity:	This antibody reacts with mouse CAMPATH-1/CD52.
Purification:	Protein G agarose

Target Details

Target:	CD52
Alternative Name:	CD52 / CAMPATH-1 (CD52 Products)
Background:	CAMPATH-1, also known as CD52, is a heavily glycosylated, GPI-anchored protein expressed at high levels on almost all thymocytes, lymphocytes, monocytes, and macrophages. The function

Target Details

of CD52 is unknown. However, CD52 is an exceptionally good target for complement-mediated cell lysis and antibody-mediated cellular cytotoxicity. Humanized CAMPATH-1 antibodies have been used therapeutically to effectively deplete lymphocytes in allogeneic bone marrow transplants, hematologic malignancies, and autoimmune diseases. Clinical trials suggest CAMPATH-1 antibodies are especially promising in the treatment of leukemia, non-Hodgkin lymphomas, and rheumatoid arthritis. The apparent size of CAMPATH-1 by SDS-PAGE is 25-29 kDa, however, the actual molecule is much smaller, ~ 8-9 kDa as confirmed by total structure analysis and mass spectrometry. Synonyms: CDw52, Cambridge pathology 1 antigen, Epididymal secretory protein E5, HE5

Gene ID: 23833

NCBI Accession: [NP_038734](#)

UniProt: [Q64389](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

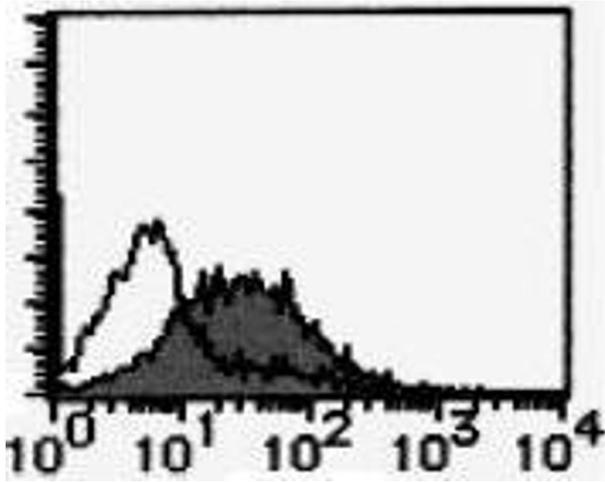
Buffer: PBS containing 50 % glycerol, pH 7.2. Contains no preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

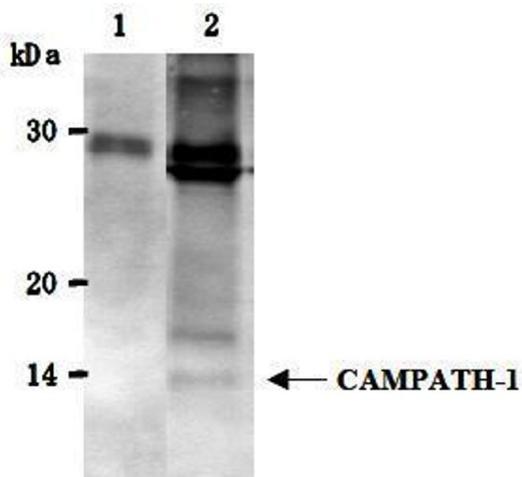
Storage: -20 °C

Storage Comment: Upon receipt, store (in aliquots) at -20 °C.



Flow Cytometry

Image 1.



Western Blotting

Image 2.